

Converting Colors

CIELCh(80, 11.697, 20.293)

Have a look what the booklet for
CIELCh(80, 11.697, 20.293) contains.

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Color

CIELCh(80, 11.734, 20.299)

Conversions

Conversions Part 1

Format	Color
Hex	DEBFBF
RGB	222, 191, 191
RGB Percent	87%, 75%, 75%
CMY	0.1286, 0.2502, 0.2502
CMYK	0.00, 0.14, 0.14, 0.13
HSL	0°, 32%, 81%
HSV	0°, 14%, 87%
XYZ	58.2877, 56.6813, 57.2738
YIQ	200.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

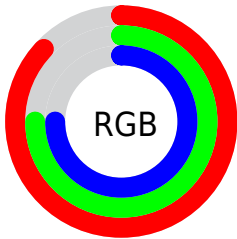
Format	Color
R _Y B	222, 191, 191
Decimal	14598079
CIE Lab	80.00, 11.01, 4.07
CIE LCh	80, 11.734, 20.299
Yxy	56.6813, 0.3384, 0.3291
Android (android.graphics.Color)	4292788159 (0xFFDEBFBF)
YUV	200.2690, -4.5696, 19.0581
Hunter-Lab	75.2870, 6.4437, 7.5966




Details

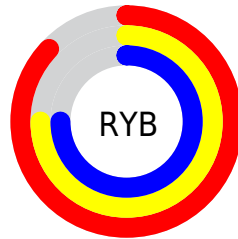
The CIELCh color **80, 11.734, 20.299** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 10.726, 198.723**, and the grayscale version is **81, 0.010, 296.813**.




A 20% lighter version of the original color is **98, 2.827, 19.362**, and **60, 11.716, 20.563** is the 20% darker color. If you saturate the color by 10%, you get **74, 20.944, 21.243**, and if you desaturate by 10%, it is **86, 3.196, 19.469**.

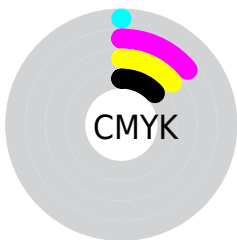
Distribution







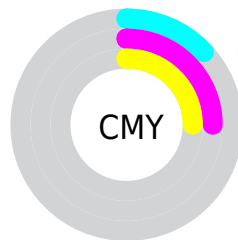
-  Red (87%)
-  Green (75%)
-  Blue (75%)






-  Red (87%)
-  Yellow (75%)
-  Blue (75%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (14%)
-  Black (13%)



-  Cyan (13%)
-  Magenta (25%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 11.734, 20.299 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 80, 11.734, 20.299 by changing the saturation by 10% instead.

80, 11.734, 20.299

80, 11.734, 20.299

100, 11.734,
20.299

70, 11.734, 20.299

60, 11.734, 20.299

50, 11.734, 20.299

40, 11.734, 20.299

30, 11.734, 20.299

20, 11.734, 20.299

10, 11.734, 20.299

0, 11.734, 20.299

80, 11.734, 20.299

80, 11.734, 20.299

74, 20.944, 21.243

86, 3.196, 19.469

68, 30.817, 22.442

92, 4.695, 199.234

63, 41.270, 24.006

98, 11.085,
198.766

58, 52.122, 26.047

54, 63.088, 28.669

51, 73.764, 31.891

48, 83.530, 35.478

47, 91.060, 38.609

46, 94.245, 40.001

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 11.734, 20.299



86, 10.726, 198.723

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 11.734, 20.299



80, 11.734, 70.299



80, 11.734, 200.299



80, 11.734, 250.299

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 11.732, 20.309



97, 3.616, 19.478



81, 19.923, 325.194



51, 2.578, 19.555



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 11.732, 20.309



88, 16.184, 20.583



84, 10.037, 73.671



44, 4.727, 19.944



36, 79.111, 39.954



6, 25.538, 20.945

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 10.726, 198.723



97, 14.476, 198.553



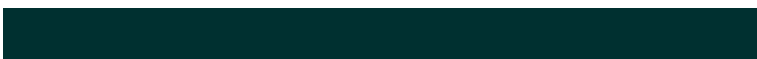
82, 9.690, 257.352



46, 4.453, 198.983



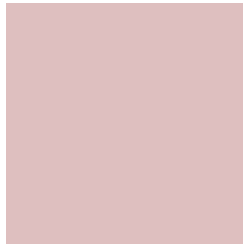
65, 37.932, 196.408



17, 15.582, 196.404

Previews

White Background



This preview shows how the CIELCh color 80, 11.734, 20.299 looks on a white background.

Color Contrast Check

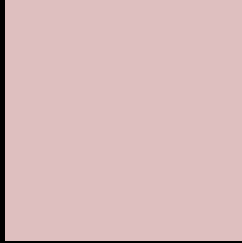
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 11.734, 20.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

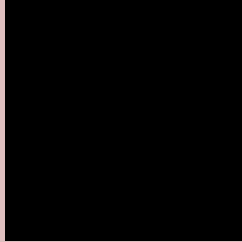
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 11.734, 20.299

Background



This preview shows how black text looks on a background with the CIELCh color 80, 11.734, 20.299.



This preview shows how white text looks on a background with the CIELCh color 80, 11.734, 20.299.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
80, 15.203, 349.103

Trichromacy



Original Color
80, 11.734, 20.299

Protanomaly
80, 5.322, 31.180

Deuteranomaly
80, 10.984, 22.979

Tritanomaly
80, 13.204, 359.311

Monochromacy



Original Color
80, 11.734, 20.299

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 4.073, 19.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 11.734, 20.299 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 11.734, 20.299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 191, 191) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 191, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 11.734, 20.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 191, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
191, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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